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     (FILE 'HOME' ENTERED AT 12:00:56 ON 19 JAN 2005)

     FILE 'USPATFULL, MEDLINE, CAPLUS, BIOSIS' ENTERED AT 12:01:16 ON 19 JAN
     2005
L1          1758 S ERIKSSON
L2             5 S L1 AND AASE
L3             2 S L1 AND PONTEN
L4            24 S L1 AND ALITALO
L5             2 S L2 (L) L4
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L5 ANSWER 1 OF 2 USPATFULL on STN

SUMM . . . . often are expressed in epithelial (PDGF-A) or endothelial (PDGF-B) cells in close apposition to the PDGF receptor-expressing mesenchyme [reviewed in **Alitalo** et al., Int Rev Cytology 172:95-127 (1997)]. Overexpression of the PDGFs has been observed in several pathological conditions, including malignancies,. . .

SUMM . . . is expressed in muscle progenitor cells and differentiated smooth muscle cells in most organs, including the heart, lung and kidney [**Aase**, K., et al., Mech. Dev. 110:187-91 (2002)]. In adulthood, PDGF-C is widely expressed in most organs, with the highest expression. . . Upon proteolytic removal of the CUB domain, PDGF-CC is capable of binding and activating its receptor, PDGFR-α [Li, X. & **Eriksson**, U., Cytokine & Growth Factor Reviews 244:1-8 (2003)]. In cells co-expressing both PDGFR-α and -β, PDGF-CC may also activate the. . .

SUMM . . . growth of the vascular endothelial system. VEGF family members include VEGF-A, VEGF-B, VEGF-C, VEGF-D and PlGF [Li, X. and U. **Eriksson**, "Novel VEGF Family Members: VEGF-B, VEGF-C and VEGF-D," Int. J. Biochem. Cell. Biol., 33(4):421-6 (2001)).]

SUMM . . . and VEGFR-2, but recently more attention has been given to VEGFR-1 and its ligands besides VEGF, including PlGF and VEGF-B. [**Eriksson** and **Alitalo**, Nat. Med. 8:775-777 (2002).] PlGF knock out mice do not experience significant abnormalities in embryonic angiogenesis. However, PlGF deficiency in. . .

SUMM . . . displays a unique expression pattern compared with other VEGF family members, with the highest expression level in the cardiac myocytes [**Aase**, K., et al., Developmental Dynamics, 215(1):12-25 (1999)], whereas VEGFR-1 is expressed in the adjacent endothelial cells [**Aase**, K., et al., Developmental Dynamics, 215(1):12-25 (1999)], and neuropilin-1 (NP-1) is expressed in both endothelium and cardiac myocytes during development.. . .

SUMM . . . In a preferred embodiment, the PDGF polypeptide comprises a PDGF-C or PDGF-D polypeptide. PDGF-C polypeptides and polynucleotides were characterized by **Eriksson** et al. in International Patent Publication No. WO 00/18212, U.S. Patent Application Publication No. 2002/0164687 A1, and U.S. patent application Ser. No. 10/303,997 [published as U.S. Pat. Publ. No. 2003/0211994]. PDGF-D polynucleotides and polypeptides were characterized by **Eriksson**, et al. in International Patent Publication No. WO 00/27879 and U.S. Patent Application Publication No. 2002/0164710 A1. These documents are. . .

DETD [0268] NMRI nu/nu mice (nude mice), VEGF-B deficient mice (VEGF-B knock-out mice as described in **Aase**, et al., Circulation, 104:358-64 (2001) and Wanstall, et al., Card. Res., 55:361-368 (2002)), or PDGF (PDGF-A, PDGF-B, PDGF-C, or PDGF-D). . .

DETD [0277] NMRI nu/nu mice (nude mice), VEGF-B deficient mice (VEGF-B knock-out mice as described in **Aase**, et al., Circulation, 104:358-64 (2001) and Wanstall, et al., Card. Res., 55:361-368 (2002)), or PDGF (PDGF-A, PDGF-B, PDGF-C, or PDGF-D). . .

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DATE: Wednesday, January 19, 2005

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	DB=USPT; PLUR=YES; OP=ADJ		
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☐	L3	L1 and alitalo	20
☐	L2	l1 and aase	3
☐	L1	eriksson	4474

END OF SEARCH HISTORY

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L3	16	l2 and li	US-PGPUB; USPAT; DERWENT	OR	ON	2005/01/19 11:58
L4	6	l3 and alitalo	US-PGPUB; USPAT; DERWENT	OR	ON	2005/01/19 11:58
L5	5	l4 and ponten	US-PGPUB; USPAT; DERWENT	OR	ON	2005/01/19 11:58